

SEQUENCE LISTING

JC20 Rec'd PCT/PTO 26 SEP 2009

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Hoshijima, Mitsuhiro
Kawase, Shido
Kurosaka, Keisuke

<120> Method for producing glucose dehydrogenase

<130> TOYA114.007APC

<150> PCT/JP2004/004074

<151> 2004-03-24

<150> JP 2003-82739

<151> 2003-03-25

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<170> PatentIn Ver. 2.0

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Cys His Gln Met Gln Gly Lys Gly Thr Pro Asp Gly Tyr Tyr Pro Ser			
340	345	350	
ctg ttc cac aac tcc acc gtc ggc gcg tcg aat ccg tcg aac ctc gtg			1224
Leu Phe His Asn Ser Thr Val Gly Ala Ser Asn Pro Ser Asn Leu Val			
355	360	365	
cag gtg atc ctg aac ggc gtg cag cgc aag atc ggc agc gag gat atc			1272
Gln Val Ile Leu Asn Gly Val Gln Arg Lys Ile Gly Ser Glu Asp Ile			
370	375	380	
ggg atg ccc gct ttc cgc tac gat ctg aac gac gcg cag atc gcc gcg			1320
Gly Met Pro Ala Phe Arg Tyr Asp Leu Asn Asp Ala Gln Ile Ala Ala			
385	390	395	400
ctg acg aac tac gtg acc gcg cag ttc ggc aat ccg gcg gcg aag gtg			1368
Leu Thr Asn Tyr Val Thr Ala Gln Phe Gly Asn Pro Ala Ala Lys Val			
405	410	415	
acg gag cag gac gtc gcg aag ctg cgc tga catagtcggg cgcgcgcgaca			1418
Thr Glu Gln Asp Val Ala Lys Leu Arg			
420	425		
cggcgcgaacc gataggacag gag			1441

<210> 10

<211> 425

<212> PRT

<213> Burkholderia cepacia

<400> 10

Val Arg Lys Ser Thr Leu Thr Phe Leu Ile Ala Gly Cys Leu Ala Leu

1

5

10

15

Pro Gly Phe Ala Arg Ala Ala Asp Ala Ala Asp Pro Ala Leu Val Lys

20

25

30

Arg Gly Glu Tyr Leu Ala Thr Ala Met Pro Val Pro Met Leu Gly Lys

35

40

45

<220>
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 <222> (2,3)
 <223> Xaa=unknown

 <400> 11
 Cys Xaa Xaa Cys His
 1 5

 <210> 12
 <211> 26
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: primer

 <400> 12
 catgccatgg cacacaacga caacac 26

 <210> 13
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: primer

 <400> 13
 gtcgacgatc ttcttccagc cgaacatcac 30

 <210> 14
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: primer

 <400> 14
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 <210> 15
 <211> 30
 <212> DNA
 <213> Artificial Sequence

 <220>
 <223> Description of Artificial Sequence: primer

 <400> 15
 ttatttactc tcctgcggcg acaaattgttg 30